

1M VSAT Antenna

- 1) Double shape ring-focus
- 2) Single aluminum major reflector
- 3) We can provide Ku-Band and linear polarization
- 4) High gain and excellent side beam performance
- 5) SNG system application
- 6) Custom tailor product

SPECIFICATIONS	1m VSAT Antenna	
	Ku-RECEIVE	Ku-TRANSMIT
Frequency (GHz)	10.95-12.75	13.75-14.5
Typical Gain(dBi)	40.01	41.32
VSWR	1.25:1	
Beamwidth:-3dB	1.64°	1.39°
Antenna Noise Temperature(° K)	2Port Feed	
10° Elevation	43	
20° Elevation	39	
40° Elevation	35	
Power Handing Capability	1KW/Port	
Feed interface	WR-75	
Cross Polarization Isolation(on axis)	≥35dB	
Sidelobes	CCIR.580-4	
Feed Insertion Loss	0.20dB	
Tx-Rx	≥85dB	
Environmental		
Operational Winds	45mi/h(72km/h) gusts to 60mi/h(97km/h)	
Relative humidity	0% to 100%	
Seismic(Survival)	0.3G s horizontal 0.15G s vertical	
Survival Winds	125mi/h(200km/h)	
Ambient Temperature	-45° to 60°	
Mechanical		
Antenna Optics	Ring-focus antenna	
Azimuth Travel	360°	
Elevation Travel	0° to 90°	
Surface Accuracy	0.5mm(R. M. S)	